CLAIMS

1. A composition comprising (i) FCC catalyst particles and (ii) additive particles suitable for the reduction of NO_x emissions from an FCC regenerator, said additive particles comprising:
   a) a Mg and Al-containing anionic clay or solid solution,
   b) a rare earth metal oxide,
   c) alumina and/or silica-alumina, and
   d) Y-type zeolite.

2. A composition according to claim 1 wherein the additive particles, calculated as oxides and based on the total weight of the additive particles, comprise:
   a) Mg and Al-containing anionic clay in an amount of about 50-65 wt%,
   b) CeO_2 in an amount of about 2.5-20 wt%,
   c) alumina in an amount of about 20-45 wt%,
   d) a REY zeolite in an amount of about 2-10 wt%.

3. A composition according to claim 2 wherein the additive particles, calculated as oxides and based on the total weight of the additive particles, comprise:
   a) Mg and Al-containing anionic clay or solid solution in an amount of about 50-65 wt.%,
   b) CeO_2 in an amount of about 6-12 wt.%,
   c) alumina in an amount of about 25-35 wt.%,
   d) a REY zeolite in an amount of about 3-8 wt.%.

4. A composition according to any one of the preceding claims wherein the additive particles additionally contain 2-8 wt% of silica.

5. A composition according to any one of the preceding claims wherein the additive particles additionally comprise Cu.

6. A process for preparing a composition according to any one of the preceding claims, comprising the steps of
   (1) combining an aluminium source and a magnesium source in water to form an aqueous slurry;
   (2) optionally milling the slurry,
   (3) aging the slurry,
   (4) combining a rare earth metal oxide or a precursor thereof with the product of step (3),
   (5) spray-drying the product of step (4),
   (6) calcining the spray-dried material,
   (7) optionally slurrying the product of step (6) in water,
   (8) milling the product of step (6) or (7),
   (9) combining the product of step (6), (7), or (8) with the alumina and/or silica-alumina and the Y-type zeolite,
   (10) shaping the product of step (9) to form additive particles, and
   (11) physically mixing said additive particles with FCC catalyst particles.

7. A process according to claim 6 wherein the aluminium source of step (1) is aluminium trihydrate and the magnesium source is magnesium oxide.

8. A process according to claim 6 or 7 wherein the alumina of step (9) is peptised pseudoboehmite.

9. Use of the composition according to any one of claims 1-5 in an FCC unit.